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WIGGIN AND DANA  
*Counsellors at Law*

**Telefax Transmittal**

**OFFICIAL**

**Date:**  
February 17, 2004

**To / Company / Telefax:**  
Jermele Hollington / U.S. Patent & Trademark Office / 703-872-9306

**From:**  
William A. Simons

**Telephone / Email:**  
203.498.4502 / wsimons@wiggin.com

**Client / matter code:**  
/

**Please copy:**

**We will copy:**

**Special Instructions**

Inventors: Francis T. McQuade and Chales L. Barto  
Serial No. 10/027,146  
Filed: December 20, 2001  
Art Unit: 2829  
Examiner: J. Hollington  
Conf. No. 3054  
Docket No.: 102276-200  
Title: METHOD FOR CHEMICALLY ETCHING PHOTO-DEFINED MICRO ELECTRICAL CONTACTS

1. Amendment Transmittal Letter (3 pages) (in duplicate)
2. Amendment and Reply to Office Action (12 pages)
3. Charge Deposit Account #23-1665 \$420.00

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24 page(s) following this page

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Francis T. McQuade  
Charles L. Barto  
Serial No.: 10/027,146  
Filed: December 20, 2001  
Assignee: Wentworth Laboratories, Inc.  
Title: METHOD FOR CHEMICALLY ETCHING PHOTO-DEFINED MICRO ELECTRICAL CONTACTS

Docket: 102276-200  
Art Unit: 2829  
Examiner: J. Hollington  
Conf. No. 3054

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## Certificate of Facsimile

Date of Transmission: February 17, 2004

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being filed with the United States Patent and Trademark Office via facsimile transmission on to 703-872-9306 the date shown above.

Signed: 

Name: William A. Simons

AMENDMENT TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application. The fees have been calculated as shown below:

1. **Small Entity Status**

Applicant claims small entity status.

102276-200

2 of 3

**2. Claim Fees**

CLAIM AMENDMENT FEE CALCULATION						
	Claims Remaining After Amendment	Minus	Highest Number Previously paid for	No. of extra claims present	Rate	Additional Fee
Total Claims		- 20		-20	\$18.00	
Independent Claims		-3		-3	\$86.00	
Multiple Dependent Claims (if any)				0	\$290.00	
<b>SUBTOTAL</b>						<b>\$0.00</b>
REDUCTION FOR SMALL ENTITY BY 50%						
<b>TOTAL</b>						<b>\$0.00</b>

☒ No additional claim fees are required.

**3. Extension of Time**

☒ Applicant requests under the provisions of 37 CFR 1.136 (a) to extend the Period for filing a response in the above-identified application. The requested extension and appropriate non-small-entity fee are as follows:

Requested Extension	Fee	Small-Entity Fee
<input type="checkbox"/> One month	\$110.00	\$55.00
<input checked="" type="checkbox"/> Two months	\$420.00	\$210.00
<input type="checkbox"/> Three months	\$950.00	\$475.00
<input type="checkbox"/> Four months	\$1480.00	\$740.00
<input type="checkbox"/> Five months	\$2010.00	\$1005.00
Extension Fee Total		420.00

**4. Terminal Disclaimer**

☐ A Terminal Disclaimer is attached for which the appropriate fee is:

☐ Non Small-Entity \$110.00

☐ Small Entity \$55.00

**5. The following additional items are enclosed:**

☐ Small Entity Statement

☐ Other:

**6. Payment of Fees**

The total of fees due under Sections 1-4, above, is \$420.00.


102276-200  
3 of 3

- ☐ A check in amount of the total of fees due is attached.
- ☒ Please charge \$420.00. to Deposit Account No. 23-1665. An additional copy of this transmittal is enclosed.
- ☒ Please charge any additional fees or credit overpayment to Deposit Account No. 23-1665.

Date: February 17, 2004  
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One Century Tower  
New Haven, CT 06508-1832  
Telephone: (203) 498-4502  
Facsimile: (203) 782-2889


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Respectfully submitted,  
Francis T. McQuade et al.

  
William A. Simons  
Reg. No. 27,076

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Francis T. McQuade                      Docket: 102276-200  
Charles L. Barto  
Serial No.: 10/027,146                      Art Unit: 2829  
Filed: December 20, 2001                      Examiner: J. Hollington  
Assignee: Wentworth Laboratories, Inc.                      Conf. No. 3054  
Title: METHOD FOR CHEMICALLY ETCHING PHOTO-DEFINED MICRO  
ELECTRICAL CONTACTS

<p align="center">Certificate of Facsimile</p> <p>Date of Transmission: February 17, 2004 I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being filed with the United States Patent and Trademark Office via facsimile transmission on to 703-872-9306 the date shown above.</p> <p>Signed: </p> <p>Name: William A. Simons</p>
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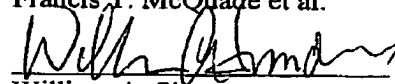
102276-200

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Francis T. McQuade et al.

  
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Reg. No. 27,076

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:	Francis T. McQuade	Docket:	102276-200
	Charles L. Barto		
Serial No.:	10/027,146	Art Unit:	2829
Filed:	December 20, 2001	Examiner:	J. Hollington
Assignee:	Wentworth Laboratories, Inc.	Conf. No.	3054
Title:	METHOD FOR CHEMICALLY ETCHING PHOTO-DEFINED MICRO ELECTRICAL CONTACTS		

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**Signed:**

**Name:** William A. Simons

**AMENDMENT AND REPLY TO OFFICE ACTION  
UNDER 37 C.F.R. 1.121**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In the matter of the above-identified application for Letters Patent and in response to the Office Action dated September 16, 2003, (Paper No. 7) for which a response was due on or before December 16, 2003, and for which a petition for a two month extension of time is attached hereto, please enter and consider the following Amendment and Remarks:

**Amendments to the Claims** begin on page 2 of this paper.

**Amendments to the Drawings** begin on page 5 of this paper and include 7 attached replacement sheets.

**Remarks begin on page 6 of this paper.**